

**HUNTERS POINT NAVAL SHIPYARD
BASE REALIGNMENT AND CLOSURE CLEANUP TEAM
MEETING NOTES
October 2, 2014**

These notes summarize the meeting of the Navy Base Realignment and Closure (BRAC) Cleanup Team (BCT) for Hunters Point Naval Shipyard (HPNS). The meeting was held at 10:00 a.m. on August 7, 2014 at CH2M HILL's office in Oakland, California. Mr. Ryan Miya (DTSC) announced that he was changing positions within DSTC and would no longer be working on HPNS. His interim replacement is Denise Tsuji.

I. Introductions, Meeting Guidelines, Agenda Review, and Meeting Minutes

Thomas Macchiarella (Navy) began with introductions; participants are listed on the last page of this summary. He indicated that he will be replacing Melanie Kito for the position of Interim BRAC Environmental Coordinator for about 3 months while the position is backfilled. He will continue to maintain his other duties as the Deputy Base Closure Manager during that time. The action items from September were completed.

II. Radiological Program Update (Hamide Kayaci, Navy)

- Parcel C, Phase II Ship Berth Surveys comprises Ship Berths 1 through 5 which have been completed. The Navy has completed removal of 14,000 linear feet of the sewer and storm drain removals and all 29 trench survey units have been backfilled. The Navy is completing installation of the drainage system along Lockwood and Blandy Streets.
- At Buildings 211 and 253 four survey units were not able to be completed due to safety concerns within the building. Those areas not accessible due to safety concerns would need to be demolished and building materials surveyed.
- In Parcel E for the I Street removal, the Navy has completed removal of 7,642 linear feet of the sanitary and storm drain systems. All 16 trench units have been backfilled and the Navy has begun installation of the replacement drainage swale along I Street.
- In Parcel D-1, Phase I, the Navy is awaiting unrestricted radiological release for the Gun Mole Pier following California Department of Public Health (CDPH) analysis of confirmation samples and confirmation surveys conducted on March 18.
- At Parcel D-1, Phase II, the Navy will mobilize to the site on September 28, 2014 to deconstruct the radiological screening yard (RSY) pads and remove railroad ties.
- Remaining radiological work under the basewide removal action includes remediation of Buildings 211 and 253 and removal of sanitary and storm sewer lines in Parcel C. In Parcel E, the Navy needs to remove the salvage yard and associated sanitary and storm sewer lines. In Parcel E-2, the Navy will remove some of the sanitary and storm sewer lines and pursue free-release of the Finger Piers.

III. Basewide Groundwater Program (Tony Konzen, Navy)

- The Navy introduced the BCT to some potential new methods for data collection for the basewide groundwater monitoring program. These new methods include the use of transducers and hydrasleeves.
- During the August 2014 sampling event, the Navy tested using the transducers with data loggers for collecting water levels as an alternative to manual water level meter measurements. The Navy tested 10 locations at HPNS with at least one test in each Parcel. During the sampling event, the transducer data and the water level meter data matched exactly; however, the transducer has a higher sampling frequency and would allow the Navy to better evaluate tidal influences in the area.
- In August 2014, the Navy used hydrasleeves as an alternative to collecting water samples via low flow sampling methods. The Navy tested ten locations, one in each Parcel. The hydrasleeve minimizes wastewater generated during sampling.
- The Navy collected both hydrasleeve and low flow sampling data from the same wells as a comparison of the two techniques. The Navy determined there was no statistically significant difference between the two sampling method data sets. There were seven results (metals, organic carbon, and ethane) that stand out as appearing to differ between the two sampling methods, but all data values are in line with historical concentrations. The BCT asked to see the statistical analysis between the two data sets using just the results and excluding the non-detect results. The BCT would also like some additional information on the durability of the hydrasleeves when left in the well, especially in brackish water or wells with free product.
- The Navy would like the BCT to consider allowing the groundwater monitoring program at HPNS to use both transducers and hydrasleeves in the future rounds of water level and groundwater sampling collection.

IV. Parcel C, RU-C5 Additional Characterization (Tony Konzen, Navy)

- The Navy has identified the need to collect additional site characterization data for volatile organic compounds (VOCs) at RU-C5. This additional characterization will be used to refine the remedial action work based on the post-treatment sampling at Plume C5-1, recent groundwater data from monitoring wells in and around plumes C5-4 and C5-5, and soil gas sampling following completion of the multi-component treatability study at Building 134.
- The proposed additional triad investigation includes additional VOC characterization northeast of well IR06MW67A and inside Building 134. This effort would include 50 direct push soil borings for collection of both shallow and deep soil samples and a grab groundwater sample at each location. Following review of the data from the 50 borings, up to 20 soil vapor monitoring probes could also be advanced.
- The Navy anticipates that the draft work and sampling analysis plan for this work will be submitted to the BCT members on October 24, 2014 for review with the final to following January 2015.

V. Conveyance Schedules and Fiscal Year 2015 Project Look Ahead (Thomas Macchiarella, Navy)

- The Navy presented the planned conveyance dates to the BCT for the HPNS parcels. Projected transfer date for Parcels B-1, D-2, G, UC-1, and UC-2 is 2015 with B-2 and D-1 to follow in 2016. The remaining parcels will follow as the environmental cleanup is completed. The the last two parcels (Parcels E and F) are planned to be transferred in 2021.
- Upcoming HPNS program goals in 2014 include finalizing the Finding of Suitability to Transfer (FOST) for Parcels UC-1, UC-2 and G in October.

VI. Community Involvement Update (Thomas Macchiarella, Navy)

- Navy representatives participated in California Coastal Cleanup Day on September 20, 2014 at India Basin Shoreline Park. There was only one signup to the HPNS mailing list and based on the historically low turnout at this event, the community outreach team will look at other opportunities in the community and remove this event from the outreach events in the future.
- In October, the Navy will distribute the quarterly progress report and the Community Involvement Plan update.

VII. Action Items/Future Meetings (Catherine Haran, Navy)

New Action Items:

- The Navy will run a statistical comparison between the hydrasleeve and low flow sampling data results using only the detected concentrations and report back to the BCT members with the findings.
- The Navy will send the BCT members information pertaining to the durability of hydrasleeves.
- Lily Lee (USEPA) will email the Navy regarding the appropriate signatory for the Parcel C Explanation of Significant Differences (ESD).

Next Meetings:

- The next BCT meeting will be held on December 4, 2014 at CH2M HILL's office in Oakland, CA.

Meeting participants:

Jeff Austin, Geosyntec

Ed Kilduff, CE2

Saul Bloom, Arc Ecology*

Nathan King, Water Board

Karla Brasaemle, TechLaw*

Tony Konzen, Navy*

Amy Brownell, City of SF

Lily Lee, USEPA

Becky Cardoso, Navy*

Leslie Lundgren, CH2M HILL

Jamie Egan, CH2M HILL

Catherine Haran, Navy

Mahbub Hussain, Navy*

Kurt Jackson, CDPH*

Danielle Janda, Navy*

Tracey Jue, CDPH*

Hamide Kayaci, Navy*

Thomas Macchiarella, Navy

Ryan Miya, DTSC

Shanti Montgomery, TTECI*

Reggie Paulding, Navy*

Christina Rain, Langan*

Matt Slack, Navy RASO*

Denise Tsuji, DTSC

Chris Yantos, Navy*

* Indicates attendee participated via telephone